

WEST[Help](#)[Logout](#)

| | | | | | | | | | |
|-----------|-------------|-------------------|----------------|----------------|-------------------|------|-----------|--------|-----|
| Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers | Referring Patents | | | | |
| First Hit | | Previous Document | | | Next Document | | | | |
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC |

Document Number 25

Entry 25 of 52

File: USPT

Jul 13, 1993

US-PAT-NO: 5227092

DOCUMENT-IDENTIFIER: US 5227092 A

TITLE: Process for forming conjugated backbone block copolymers

DATE-ISSUED: July 13, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Han; Chien-Chung | Madison | NJ | N/A | N/A |

US-CL-CURRENT: 252/500; 524/157, 524/158, 525/540, 528/422, 528/480, 528/503

ABSTRACT:

This invention relates to a process for forming polyaniline block copolymers, to block copolymers formed by said process and to articles formed from said copolymers.

33 Claims, 0 Drawing figures

Exemplary Claim Number: 1

| | | | | | | | | | | |
|-----------|-------------|-------------------|----------------|--------|----------------|---------------|-------------------|--------|-----|--|
| Main Menu | Search Form | Result Set | Show S Numbers | | Edit S Numbers | | Referring Patents | | | |
| First Hit | | Previous Document | | | | Next Document | | | | |
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | |

[Help](#)[Logout](#)

455 IR + orange
plasticizer

WEST

[Help](#)
[Logout](#)

| | | | | | | | | | |
|-----------|-------------|-------------------|----------------|----------------|-------------------|------|-----------|--------|-----|
| Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers | Referring Patents | | | | |
| First Hit | | Previous Document | | | Next Document | | | | |
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC |

Document Number 26

Entry 26 of 52

File: USPT

Jul 6, 1993

US-PAT-NO: 5225495

DOCUMENT-IDENTIFIER: US 5225495 A

TITLE: Conductive polymer film formation using initiator pretreatment

DATE-ISSUED: July 6, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|--------------------------------|-------|----------|---------|
| Han; Chien-Chung | Madison | NJ | N/A | N/A |
| Baughman; Ray H. | Morris Plains | NJ | N/A | N/A |
| Elsenbaumer; Ronald L. | Morris Township, Morris County | NJ | N/A | N/A |

US-CL-CURRENT: 525/327.4; 427/121, 427/212, 427/213.3, 427/213.31, 427/213.32, 427/213.33, 427/213.34, 427/213.36, 525/327.6, 525/328.1, 525/328.2, 525/328.3, 525/328.4, 525/328.5, 525/328.6, 525/328.7, 525/328.8, 525/329.1, 525/329.2

ABSTRACT:

This invention relates to a process for forming polyaniline films on a substrate and to composite articles formed by said process.

40 Claims, 0 Drawing figures

Exemplary Claim Number: 1

| | | | | | | | | | |
|-----------|-------------|-------------------|----------------|----------------|-------------------|------|-----------|--------|-----|
| Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers | Referring Patents | | | | |
| First Hit | | Previous Document | | | Next Document | | | | |
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC |

[Help](#)
[Logout](#)

455 IR & orange

WEST[Help](#)[Logout](#)

| | | | | | |
|---------------------------|-----------------------------------|-------------------------------|--------------------------------|--------------------------------|-----------------------------------|
| Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers | Referring Patents |
| First Hit | Previous Document | Next Document | | | |
| Full | Title | Citation | Front | Review | Classification |
| Date | Reference | Claims | KMC | | |

Document Number 3

Entry 3 of 52

File: USPT

Jul 21, 1998

US-PAT-NO: 5783111

DOCUMENT-IDENTIFIER: US 5783111 A

TITLE: Electrically conducting compositions

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|------------------|-------|----------|---------|
| Ikkala; Olli | Merikasarminkatu | N/A | N/A | FIN |
| Pietila; Lars-Olof | Purismiehenkatu | N/A | N/A | FIN |
| Cao; Yong | Goleta | CA | N/A | N/A |
| Andreatta; Alejandro | Santa Barbara | CA | N/A | N/A |

US-CL-CURRENT: 252/500

ABSTRACT:

Compositions are disclosed comprising electrically conducting polyaniline and particular substituted aromatic compounds that simultaneously form hydrogen bonds and ring-ring interactions with, respectively, the NH-groups and the six-membered rings of the conducting polyanilines. The present conducting polyaniline compositions show drastically enhanced processibility and their blends with insulating or semiconducting materials exhibit significantly improved electrical properties.

21 Claims, 2 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

| | | | | | |
|---------------------------|-----------------------------------|-------------------------------|--------------------------------|--------------------------------|-----------------------------------|
| Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers | Referring Patents |
| First Hit | Previous Document | Next Document | | | |
| Full | Title | Citation | Front | Review | Classification |
| Date | Reference | Claims | KMC | | |

[Help](#)[Logout](#)

S 455 plasticizer
IR + orange